

=> dis his

(FILE 'HOME' ENTERED AT 13:09:20 ON 18 DEC 2003)

FILE 'MEDLINE' ENTERED AT 13:09:30 ON 18 DEC 2003

L1 1929 S PPAR
L2 34 S L1 AND MODIFIED
L3 6 S L2 AND 1970<=PY<=1998

FILE 'MEDLINE, BIOSIS, EMBASE, CAPLUS, SCISEARCH, WPIDS' ENTERED AT
13:10:56 ON 18 DEC 2003

L4 44 S L3
L5 16 DUP REM L4 (28 DUPLICATES REMOVED)

=> dis l5 1-16 ibib

L5 ANSWER 1 OF 16 CAPLUS COPYRIGHT 2003 ACS on STN

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DOCUMENT NUMBER: 139:287253

TITLE: Detection of RNA targets using INVADER
oligonucleotide-directed cleavage reactions and
construction of **modified** Thermus polymerase
enzymes with thermostable 5'-nuclease activities
INVENTOR(S): Allawi, Hatim; Argue, Brad T.; Bartholomay, Christian
Tor; Chehak, Luanne; Curtis, Michelle L.; Eis, Peggy
S.; Hall, Jeff G.; Ip, Hon S.; Ji, Lin; Kaiser,
Michael; Kwiatkowski, Robert W.; Lukowiak, Andrew A.;
Lyamichev, Victor; Lymaicheva, Natalie E.; Ma, Wupo;
Neri, Bruce P.; Olson, Sarah M.; Olson-Munoz, Marilyn
C.; Schaefer, James J.; Skrzypczynski, Zbigniew;
Takova, Tsetska Y.; Thompson, Lisa C.; Vedvik, Kevin
L.

PATENT ASSIGNEE(S): USA

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Ser. No. 864,636.

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DOCUMENT TYPE: Patent

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PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2003186238	A1	20031002	US 2002-84839	20020226
US 5846717	A	19981208	US 1996-599491	19960124 <--
US 6001567	A	19991214	US 1996-682853	19960712
US 6090543	A	20000718	US 1996-759038	19961202
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W: AU, CA, JP, US				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
US 5994069	A	19991130	US 1997-823516	19970324
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US 6635463	B2	20031021		
US 2003104378	A1	20030605	US 2001-864636	20010524
WO 2003073067	A2	20030904	WO 2003-US5613	20030226
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD,				